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NPIC/TSSG/RED-1956-69
10 December 1969

MEMORANDUM FOR: Executive Director, NPIC

THROUGH : Chief, Technical Services & Support Group, NPIC

SUBJECT : Cost of PI Testing

REFERENCE : 5 November 1969 Memorandum from Executive Director, NPIC
to Chief, TSSG

1. Several types and amounts of costs, monetary and manpower, have in the past been incurred to support the performance measures portions of the PI Process Research Program. The following tests and attendant costs are considered to be representative samples of the total testing effort.

a. FY 68-69 - Visual Process Research - an in-house evaluation of the color sensitivity and visual acuity of the Center's exploitation personnel.

Total IEG & IAS PI Support:	2.5 man weeks
Number of test sessions:	2/year
Duration of test sessions:	15 minutes/session
Direct Cost to Center:	manpower

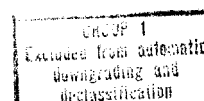
b. FY 69-70 - PI Process Research, Test Battery Development - an in-house effort to develop a battery of tests predictive of PI performance, to be used for applicant selection, assessing training needs, and so forth.

Total IEG PI Support:	3.4 man weeks
Number of test sessions:	(continuing effort)
Duration of test sessions:	1 hr./session
Cost:	

c. FY 69-70 - Validation of Area Specialist Performance - a contractual effort by to determine the hunting and reasoning ability of Center PIs and to compare these results to a previous

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administration of the test, thereby assessing the impact of IEG's reorganization emphasizing area specialists.

IEG PI support:

Item gathering:	6 man weeks
Review and selection:	2 man weeks
Test subjects:	16 man weeks
Total	24 man weeks

GFE:	6 light tables and optics
Cost:	<input type="text"/>

d. Assessment of PI Target Knowledge - a contractual effort by to assess the target knowledge of individual PIs, and to determine those targets to be included in a training document to be developed under Phase 2 of the contract.

IEG and PSG/support:	21 man weeks
Photography:	3200 frames
GFE:	5 light tables and optics
Cost:	<input type="text"/>

e. FY 69-70 - Refinement of Mensuration Adjustment Techniques - a contractual effort by to identify the determinants of mensuration errors, develop more precise prediction equations, identify procedures for improving accuracy, and systematically analyze errors of short measurements.

Manpower requirements:	none
GFE:	none
Cost:	<input type="text"/>

f. FY-69 - The Analysis of Radars as a Function of Photographic Ground Resolution - a contractual study conducted by to determine image quality requirements for the detailed interpretation and analysis of Sino-Soviet mobile radars.

Total IAS PI Support:	1 man-week
Total IEG PI Support:	1 man-week
Total OSI Analyst Support:	9 man-weeks

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OFE:

DDS&T Target models, 8
light tables & optics

Cost:

[REDACTED]

25X1

g. FY-69 - Photographic and Line-Scan Imagery Experimentation -
a contractual effort by [REDACTED]

25X1

[REDACTED] to determine preliminary relationships between
the image quality requirements for photographic and line-scan displays
in terms of specific target information extracted by PI's.

Total IEG PI support:

28 man-hrs

OFE

3 light tables & optics

Cost

[REDACTED]

25X1

[REDACTED]
Chief, Research & Engineering Division
TSSG

25X1

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